

Issuance of the patent with the above correction is respectfully solicited.

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Respectfully Submitted,

By *Mark D. Miller*

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919701.amend2.2

Length -10-11 mm (.37-.43 inch)

Diameter - 2mm (.08 inch)

Color Code - Piquant Green (20-K-6)

### FLOWERS

- 5 Flower buds: Hardy under typical central San Joaquin Valley climate condition.

Size - dormant buds of average size. Length - 10.3 mm (.406 inch)

Form - conic and slightly appressed to the bearing wood.

Bud scales:

Color - Rosetone (6-C-9) and very pubescent on surface.

- 10 Generally - Showy type.

Date of Bloom: 5 -10% as of Feb 24, 2000, 100% bloom on March 8, 2000, comparable to date

of parent 'Island King', pp #9199.

Size - generally medium to large.

Diameter - when fully expanded - 32mm (1.26 inch) to 40mm (1.51 inch).

- 15 Bloom quality - abundant.

No fragrance

Petals:

Size - medium to large

Length -15 mm (.59 inch) to 18 mm (.71 inch).

- 20 Width -12mm (.47 inch) to 15 mm (.59 inch).

Form - broadly ovate

Number - five

Color - from Light Pink (1-C-3) to (1-E-2) with older petals.

[54] **PEACH TREE (B-41871)**

[75] **Inventor:** **Leo Balakian**, 41871 Rd. 52, Reedley, Calif. 95654

[73] **Assignees:** **Leo Balakian; Rosalie Balakian**, both of Fresno, Calif.

[21] **Appl. No.:** **772,934**

[22] **Filed:** **Sep. 5, 1985**

[51] **Int. Cl.<sup>4</sup>** ..... **A01H 5/03**

[52] **U.S. Cl.** ..... **Plt./43**

[58] **Field of Search** ..... **Plt./43**

**Primary Examiner**—Robert E. Bagwill

**Attorney, Agent, or Firm**—Dennison, Meserole, Pollack & Scheiner

[57] **ABSTRACT**

A new and distinct variety of peach tree which is large, vigorous, upright, spreading and hardy under California conditions; foliated with medium to large, lanceolate leaves having a crenate to finely serrate margin, and alternate globose glands; and is a regular and productive bearer of large, early ripening, uniform, semi-freestone, very slightly asymmetrical fruit globose in apical aspect and globose to slightly ovoid in lateral aspect, the fruit having straw-yellow ground color blushed with red, and yellow-amber flesh color.

**1 Drawing Figure**

**1**

**BACKGROUND OF THE VARIETY**

**Field of the Invention**

As an owner of a ranch, including orchards, located near Reedley, Fresno County, Calif., I frequent such ranch and orchards for the purpose of inspection, and the supervision of soil cultivation, irrigation, and harvesting of crops. Against this background of my activities, the present variety of peach tree was discovered by me.

**CLASSIFICATION OF THE VARIETY**

The present variety of peach tree is embraced by Class 43, Plants, of the U.S. Patent Office Manual of Classification.

**PRIOR VARIETIES**

Among existing varieties of peach trees which are known to me is the Maycrest (U.S. Plant Pat. No. 4,064), and which variety is mentioned herein for the purpose of comparison.

**ORIGIN OF THE VARIETY**

The present variety of peach tree was discovered by me in an orchard of Maycrest trees on my ranch located aforesaid; my discovery of the present variety having been made during routine orchard operations and just prior to harvest of the Maycrest trees. During such operations, I recognized that one tree in the orchard was distinctive in several respects. I subsequently maintained such tree under close, regular and continued observation; such observations having confirmed the distinctive characteristics of the present variety of peach tree—and which is believed to be a whole tree mutation of the Maycrest. I, therefore, determined to asexually reproduce the present variety of peach tree with a view toward the ultimate commercial growth thereof.

**ASEXUAL REPRODUCTION OF THE VARIETY**

The present variety of peach tree was asexually reproduced, under my direction, by budding on existing and compatible peach rootstock; such reproductions having been undertaken in my orchard, located as

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aforesaid, and in maturity the reproductions ran true in all respects to the original tree.

**SUMMARY OF THE VARIETY**

The present variety of peach tree is large, vigorous, upright, spreading and hardy under California conditions; foliated with medium to large, lanceolate leaves having a crenate to finely serrate margin, and alternate, globose glands; and is a regular and productive bearer of large, early ripening, uniform, semi-freestone, very slightly asymmetrical fruit globose in apical aspect and globose to slightly ovoid in lateral aspect, the fruit having straw-yellow ground color blushed with red, and yellow-amber flesh color.

The present variety of peach tree is further, and more particularly, characterized—in comparison to the Maycrest—by more vigorous tree growth; by above average uniformity of fruit distribution on the tree; by more advancement of the external color of the fruit in the early stages of ripening; and by ripening to picking maturity, of the semi-freestone fruit, approximately six days earlier. When both the Maycrest and the present variety reach maturity on their respective ripening dates, their external appearance is quite similar.

**BRIEF DESCRIPTION OF THE DRAWING**

The drawing is an illustration, by photographic reproduction in color, of a twig with leaves, separate leaves, and separate fruit of the present variety of peach tree; one of the fruit being half cut away to expose the flesh and with the stone remaining in place.

**DESCRIPTION OF THE VARIETY**

The botanical details of this new and distinct variety of peach tree—with color definitions (except those in common color terms) referenced to Maerz and Paul Dictionary of Color (1950 Edition)—are as follows:

**Tree:**

**Size.**—Large.

**Vigor.**—Vigorous.

**Growth.**—Upright. Spreading

**Hardiness.**—Hardy, under Central Valley conditions in California.

**Production.**—Productive.

*Bearing*.—Regular bearer.

**Trunk:**

*Size*.—Medium.

*Texture*.—Medium.

*Color*.—Mature Bark — Reddish-brown (8-C-10). 5

*Lenticels*.—Size: Moderately large. Number: Numerous. Color: Light brown (7-A-11) on corky lenticel surface.

**Branches:**

*Size*.—Medium. 10

*Texture*.—Medium.

*Color*.—Immature branches, light green (20-H-5).

Mature branches, grey-brown (7-C-9).

*Lenticels*.—Number: Moderate. Size: Small. 15

**Leaves:**

*Size (at midpoint of actively growing shoots)*—

—Medium to large. Average length — 16.2 cm.

Average width — 3.5 cm.

*Texture*.—Smooth. 20

*Form*.—Lanceolate. Tip acuminate.

*Color*.—Top side — Deep green (24-L-2). Under side — Grey-green (21-D-4).

*Margin*.—Mixed — Crenate (often doubly so) to finely serrate. 25

*Leaf edge*.—Moderately undulate.

*Petiole*.—Medium size. Length range — 7–10 mm.

Thickness range — 1–1.5 mm. Light green (19-F-3).

*Glands*.—Medium size. Globose. Range number — 30

2–4, most commonly 2. Usually located at basal edge of leaf margin. Occasionally 1 or 2 glands are stalked. Alternate. Yellow-green (18-K-3) and shiny, but darkening with age.

*Stipules*.—Medium size. Light green (18-H-4). 35  
Early deciduous.

**Fruit:**

*Maturity when described*.—Firm ripe — May 15, 1985.

*Date of first picking*.—May 14, 1985. 40

*Date of last picking*.—May 17, 1985.

*Size*.—Large for early season of maturity. Uniform.

Average suture diameter — 59 mm. Average cheek diameter — 60 mm. Average axial diameter — 56 mm. 45

*Fruit uniformity on tree*.—Above average.

*Form*.—Uniform. Slightly asymmetrical, with one-half of fruit slightly larger. Globose in apical aspect. Globose to slightly ovoid in lateral aspect. 50

*Suture*.—Distinct. Extends from base to apex with slight depression beyond pistil point. Conspicuous, but narrowing in width both basally and apically. Basal portion narrow with sides slightly folded together. Average width — 2–2.5 mm. at midpoint Straw-yellow (10-I-2). Suture usually without blush color. 55

*Ventral surface*.—Rounded. Very slightly lipped along entire surface, with one side usually slightly larger. 60

*Stem cavity*.—Broad. Shallow. Depth range — 10–11 mm. Average width — 24 mm. Average length — 26 mm. Round to slightly oblong in basal aspect. Suture visible only on ventral side of fruit. 65

*Base*.—Slightly truncate. Very slightly oblique to fruit axis.

*Stem*.—Average size and length. Length range — 8.5–9.0 mm. Average thickness — 3.0 mm. Light green (18-J-4).

*Apex*.—Rounded. Short.

*Pistil point*.—Variable, but most commonly slightly oblique and somewhat sharp.

**Skin:**

*Thickness*.—Average.

*Texture*.—Average.

*Tenacity*.—Tenacious to flesh until overripe.

*Tendency to crack*.—None observed.

*Pubescence*.—Light. Short fibers.

*Color*.—Ground color — Straw-yellow (10-H-3), most commonly located basally. Blush color — Dark red (7-L-10), especially over apex and areas exposed to direct sunlight. Washed Orange-red (5-K-11) to Light orange (4-G-11) over sides and basally. Some mottling and striping of blush color over sides and basally. Blush color commonly covers over one-half of fruit surface.

**Flesh:**

*Color*.—Yellow-amber (10-J-4). Uniform from edge of skin to pit cavity.

*Amygdalin*.—Slight to lacking.

*Juice*.—Moderate at firm ripe, increasing in amount as fruit softens.

*Flavor*.—Good. Mild. Well-balanced.

*Aroma*.—Slight.

*Texture*.—Medium to fine. Melting.

*Fibers*.—Medium number. Medium texture.

*Ripens*.—Evenly.

*Eating quality*.—Good, especially for early season of maturity.

**Stone:**

*Type*.—Semi-freestone. Very tight at commercial maturity.

*Size*.—Medium. Average length — 33 mm. Average width — 24 mm. Average thickness — 19 mm.

*Fibers*.—Average number. Medium length.

*Form*.—Oval to slightly ovoid.

*Base*.—Most frequently slightly oblique to fruit axis. Shortest on ventral suture edge.

*Hilum*.—Narrow. Oblong.

*Apex*.—Acute. Tip acuminate. Sharp.

*Sides*.—Nearly equal.

*Surface*.—Deeply grooved across apical shoulder. Shallow grooves over basal shoulder. Mid-stone pitted and somewhat grooved over lateral surfaces.

*Pits*.—Both circular and oval. Concentrated at mid-stone and basal areas.

*Ventral edge*.—Medium thickness. Low and thickened wing along basal shoulder of ventral suture. Wings converging apically.

*Dorsal edge*.—Moderately thick with deep groove from base to above mid-stone. Edges of groove irregular and roughened. Groove narrower and shallower over apical shoulder.

*Color*.—Light brown (10-H-4).

*Tendency to split*.—Slight.

*Use*: Dessert. Fresh market for both local and long distance shipping.

*Keeping quality*: Good.

*Resistance to insects and diseases*: No particular susceptibilities noted.

Plant 6,025

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The peach tree and its fruit herein described may vary in slight detail due to climatic and soil conditions under which the variety may be grown; the present description being of the variety as grown in the Central Valley of California.

I claim:

1. A new and distinct variety of peach tree, substantially as illustrated and described, characterized—in

6

comparison to the Maycrest—by more vigorous tree growth; by above average uniformity of fruit distribution on the tree; by more advancement of the external color of the fruit in the early stages of ripening; and by ripening to picking maturity of the semi-freestone fruit, approximately six days earlier.

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US00PP09199P

# United States Patent [19]

Asdoorian

[11] Patent Number: Plant 9,199

[45] Date of Patent: Jul. 18, 1995

[54] 'ISLAND KING' PEACH TREE

[76] Inventor: Alan R. Asdoorian, 522 6th Ave.,  
Kingsburg, Calif. 93631

[21] Appl. No.: 261,400

[22] Filed: Jun. 16, 1994

[51] Int. Cl.<sup>6</sup> ..... A01H 5/00

[52] U.S. Cl. .... Plt./43.1

[58] Field of Search ..... Plt. 43.1, 43.2

[56] References Cited

U.S. PATENT DOCUMENTS

P.P. 6,025 9/1987 Balakian ..... Plt./43.2

Primary Examiner—James R. Feyrer  
Attorney, Agent, or Firm—Worrel & Worrel

[57] ABSTRACT

A new and distinct variety of peach tree which is somewhat similar to the "Queencrest" peach tree (U.S. Plant Pat. No. 6,025) from which it is a sport, but from which it is distinguished by producing an earlier ripening fruit which are mature for harvesting and shipment approximately two weeks prior to the fruit produced by the "Queencrest" peach tree.

1 Drawing Sheet

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## BACKGROUND OF THE NEW VARIETY

The present invention relates to a new and distinct variety of peach tree which will hereinafter be denominated varietally as the "Island King" peach tree and, more particularly, to a peach tree which produces clingstone fruit, which are mature for commercial harvesting and shipment approximately April 23 to April 25 in the San Joaquin Valley of central California as a very early, fresh market peach with a good red blush skin coloration.

In the development of new commercial varieties of fruit trees, a premium is frequently placed upon those varieties which produce fruit ripening early or late in the growing season when few competing varieties are available. However, typically such varieties are otherwise of marginal commercial appeal in that the fruit is of poor size, flavor, or coloration, or may suffer from any one or more other undesirable characteristics. These deficiencies are frequently more pronounced in the very earliest and very latest ripening varieties. Thus, in many instances a very early or very late ripening new variety, which otherwise would be a good candidate from commercial development, may be deemed unworthy because of one or more fatal flaws in these respects. The peach tree of the subject invention appears, conversely, to be a promising candidate in that while being a very early ripening variety, it does not appear to suffer from any such fatal flaws.

## ORIGIN AND ASEXUAL REPRODUCTION OF THE NEW VARIETY

The present variety of peach tree was discovered by the inventor in his orchard of "Queencrest" peach trees (U.S. Plant Pat. No. 6,025) which is located near Kingsburg, Calif. in the San Joaquin Valley of central California. The inventor discovered the new variety as a sport of the "Queencrest" peach tree in 1992. The new variety was first asexually reproduced by the inventor in 1992 by bud grafting three trees in the orchard of origin to the new variety using buds from mature wood. The asexually reproduced trees first bore fruit of the new variety in April of 1993. The inventor carefully compared the asexually reproduced trees with the parent sport, including the fruit thereof, and has confirmed that the parent and its progeny are in all respects identical.

2

## SUMMARY OF THE NEW VARIETY

The "Island King" peach tree is characterized by producing a clingstone fruit which has a good red blush coloration and is ripe for commercial harvesting and shipment approximately April 23 to April 25 in the San Joaquin Valley of central California. The new variety is most closely similar to the "Queencrest" peach tree (U.S. Plant Pat. No. 6,025) from which it is a sport, but from which it is distinguishable in that it ripens about ten days to two weeks earlier than the fruit of the "Queencrest" peach tree and in that the fruit is somewhat smaller in size than that of the "Queencrest" peach tree. The fruit of the instant variety possesses an acceptable flavor for such an early ripening variety.

## BRIEF DESCRIPTION OF THE DRAWING

The accompanying drawing is a color photograph showing fruit of the new variety including a first in bottom plan view showing the apex end thereof; a second in side elevation showing the suture thereof; a third in side elevation showing the cheek surface thereof; a fourth in top plan view showing the stem cavity thereof; and a fifth sectioned to show the flesh thereof; and foliage typical of the new variety of peach tree.

## DETAILED DESCRIPTION

Referring more specifically to the pomological details of this new and distinct variety of peach tree, the following has been observed under the ecological conditions prevailing at the orchard of origin which is located near Kingsburg, Calif. in the San Joaquin Valley of central California. All major color code designations are by reference to the *Dictionary of Color*, by Maertz and Paul, First Edition, 1930. Common color names are also occasionally employed.

## TREE

Generally: Develops from 2.5 feet (75 cm) to 3.0 feet (90 cm) of new scaffold growth annually. This amount of top growth is about equivalent to that produced by the parent "Queencrest" peach tree.

*Vigor*.—Medium.

*Figure*.—The tree is upright to upright-spreading in form and has been developed by using the open vase system of training.

*Productivity*.—Productive.

*Regularity of bearing*.—Regular and hardy under typical central San Joaquin Valley climatic conditions.

**Trunk:**

*Size*.—Medium in thickness.

*Surface texture*.—Moderately rough.

*Color*.—Greyish-brown (15-A-6 Beaver).

*Lenticels* — *form*.—Oval and flattened longitudinally.

*Lenticels* — *size*.—Medium.

*Lenticels* — *length*.—Ranges from 4 mm (0.1575 inches) to 7 mm (0.2756 inches).

*Lenticels* — *height*.—Ranges from 1.5 mm (0.0591 inches) to 2.5 mm (0.0984 inches).

**Branches:**

*Size*.—Medium in thickness.

*Surface texture*.—Relatively smooth.

*Color* — *two years or older wood*.—Brownish-red (7-L-10 Kettledrum Brown).

*Color* — *immature branches*.—Pale green (17-J-6) often with reddish pigmentation on the side of the shoot exposed to direct sunlight.

*Internode* — *length*.—Upright shoots varies from 28 mm (1.102 inches) to 37 mm (1.457 inches).

*Tips* — *color*.—New shoot tips are shiny green-yellow (18-L-3).

**LEAVES**

**Size:**

*Generally*.—Medium to large in size. Leaf measurements have been taken from large leaves growing on vigorous upright current season's growth.

*Average length*.—Ranges from 13.7 cm (5.394 inches) to 15.3 cm (6.024 inches), including the petiole.

*Average width*.—Ranges from 3.0 cm (1.181 inches) to 3.5 cm (1.378 inches).

*Thickness*.—Average.

*Form*: Lanceolate. Leaf tip is acuminate.

**Color:**

*Upwardly disposed surface*.—Medium green (23-L-3 Hellebore Green).

*Downwardly disposed surface*.—Lighter grey-green (21-J-5 Asphodel Green).

**Marginal form:**

*Generally*.—Crenate with small regular crenations. The crenations are occasionally double near mid-margin.

*Leaf margin*: Slightly undulate.

**Petiole:**

*Size*.—Medium.

*Length*.—Ranges from 9 mm (0.3543 inches) to 11 mm (0.4331 inches).

*Thickness*.—Ranges from 1.5 mm (0.0591 inches) to 2.0 mm (0.0787 inches).

*Color*.—Green-yellow (19-K-5), darker green on the upper petiole surfaces and along the petiole groove (21-K-5 Biscay Green).

**Glands:**

*Size*.—Medium to large.

*Position*.—Alternate.

*Pattern*.—Most often, two large stalked reniform glands are present at the base of the leaf margin. From 0 to 4 additional smaller, mostly reniform glands can be present along the basal edges of the leaf margin.

*Form*.—Predominantly reniform, some form variability does exist with occasional globose gland types present.

**Young glands:**

*Color*.—Bright yellow-green (19-L-2 Javel Green), but the glands become darker and deteriorate with age.

**Stipules:**

*Size*.—Large.

*Length*.—Ranges from 13 mm (0.5118 inches) to 15.5 mm (0.6102 inches).

*Form*.—Linear lanceolate.

*Margins* — *form*.—Serrate and tipped with brownish colored trichomes.

*Color*.—Greenish-yellow (19-K-4) when young, turning reddish (4-J-11 Canna Red) with maturity and then becoming early deciduous.

**FLOWERS**

20 *Flower buds*: Hardy under typical central San Joaquin Valley climatic conditions.

*Size*.—Dormant floral buds are of average size.

*Form*.—Conic and very slightly appressed to the bearing branch.

25 *Bud scales*:

*Color*.—Medium brownish-grey (6-A-9 Manon Brown) and have a very pubescent surface.

**Flowers:**

*Generally*.—"Showy" type.

30 *Date of bloom*.—The bloom period of the new variety is early in relation to other common commercial peach varieties grown in the same region. In relation to the "Queencrest" peach tree the bloom is only very slightly later, about one day. Date of full bloom was in early March in 1993; that is, about five percent (5%) bloom was reached on Feb. 24, 1993 and full bloom on Mar. 9, 1993.

*Size* — *generally*.—Large.

40 *Diameter*.—Fully expanded ranges from 35 mm (1.378 inches) to 43 mm (1.693 inches).

*Bloom quantity*.—Abundant.

**Petals:**

*Size*.—Large.

45 *Length*.—Ranges from 18 mm (0.7087 inches) to 21 mm (0.8268 inches).

*Width*.—Ranges from 16 mm (0.6299 inches) to 20 mm (0.7874 inches).

*Form*.—Slightly variable, but is most frequently broadly ovate.

50 *Number*.—Five.

*Color*.—Generally new petals are a light pink (1-C-1), darker rose-pink (1-F-3) basally and on the petal claw. The petals usually become darker with age, especially basally.

**Petal claw:**

*Form*.—Broadly truncate.

*Width*.—Averages 1.5 mm (0.0591 inches).

60 *Length*.—Relatively short. Averages 1.5 mm (0.0591 inches).

*Petal margins*: Moderately to substantially undulate with a generally rounded to slightly domed apex.

**Flower pedicel:**

*Length*.—Short. Averages 2.0 mm (0.0787 inches).

65 *Thickness*.—Averages 1.5 mm (0.0591 inches).

*Color*.—Bright shiny green (19-L-6 Calliste Green).

*Surface*.—Glabrous.

**Calyx:**



- Color*.—Green (18-K-4) basally and maroon (7-H-4 Aubusson) near the base of the sepals.  
*Surface*.—Glabrous.
- Sepal:**  
*Surface*.—Pubescent.  
*Size*.—Varies from medium to large.  
*Form*.—Broadly ovate.  
*Color*.—Maroon (7-H-4).
- Nectaries:**  
*Color*.—Bright orange (9-G-12) when young, becoming slightly darker and duller with age.
- Anthers:**  
*Size*.—Average.  
*Color*.—Red (5-L-2) Chrysanthemum Red) dorsally and chamois (10-G-4) ventrally, often with 15 red margins.
- Pollen:** Abundant.  
*Color*.—Yellow-gold (10-L-4 Light Chrome).
- Stamen:**  
*Length*.—Ranges from 12 mm (0.4724 inches) to 16 mm (0.6299 inches). The longest stamens are about equal to the length of the pistil.
- Filament:**  
*Color*.—Very light pink (1-B-7 Pink #2) when young, darkening with age to a rose-pink (1-F-3).
- Pistil:**  
*Length*.—Varies from 16 mm (0.6299 inches) to 18 mm (0.7087 inches), including the ovary.  
*Color*.—Very pale green (18-D-2 Sea Foam Green) basally and pale yellow-green (18-F-1) along the style.  
*Surface*.—Very pubescent.

## FRUIT

- Maturity when described:** Ripe for commercial harvesting shipment approximately April 23 for first pick in 1993 and April 25 for last pick in 1993 near Kingsburg, Calif. in the San Joaquin Valley of central California.
- Size:**  
*Generally*.—Uniform and small to medium in size.  
*Average diameter in the axial plane*.—Ranges from 46 mm (1.811 inches) to 48 mm (1.890 inches).  
*Average diameter in the suture plane*.—Ranges from 41 mm (1.614 inches) to 46 mm (1.811 inches).  
*Average diameter cheek plane*.—Ranges from 42 mm (1.654 inches) to 46 mm (1.811 inches).
- Form:**  
*Uniformity*.—Variable in lateral aspect from oval to slightly ovate. In apical aspect the fruit form ranges from globose to slightly oval.  
*Symmetry*.—The fruit is usually asymmetrical with one side larger than the other.
- Suture:**  
*Generally*.—A distinct suture line is present, running the full length of the fruit from apex to base. The suture is usually slightly deeper over the apical shoulder. Suture line is usually a stripe.  
*Width*.—Ranges from 1.5 mm (0.0591 inches) to 2.0 mm (0.0787 inches).  
*Color*.—Devoid of red coloration, taking on the yellow (17-I-1) to yellow-green (17-G-2) coloration of the underlying ground color.
- Ventral surface:**  
*Generally*.—Usually uneven with moderate lipping. The lipping is usually stronger on one side of the fruit.
- Stem cavity:**

- Generally*.—Medium in size.  
*Width*.—Varies from 15 mm (0.5916 inches) to 17 mm (0.6693 inches).  
*Depth*.—Relatively shallow, ranging from 5 mm (0.1969 inches) to 7 mm (0.2756 inches).  
*Length*.—Ranges from 15 mm (0.5916 inches) to 18 mm (0.7087 inches).  
*Shape*.—Broadly oval to nearly globose in form.
- Stem:**  
*Generally*.—Short.  
*Length*.—Ranges from 4.5 mm (0.1772 inches) to 6.0 mm (0.2362 inches).  
*Thickness*.—Varies from 2.5 mm (0.0984 inches) to 3.0 mm (0.1181 inches).  
*Color*.—Green (20-L-3 Certosa Green) to brownish (15-H-7 Olive Brown).
- Base:**  
*Shape*.—Variable, from rounded to slightly truncate. Base angle is usually very slightly oblique to the fruit axis.
- Axis:**  
*Shape*.—Variable, from rounded to slightly pointed.
- Pistil point:** Oblique.
- Skin:**  
*Thickness*.—Average with a pubescent surface. The pubescence is short, fine and greyish in color.  
*Tenacity*.—The skin adheres tightly to the flesh at commercial maturity.  
*Tendency to crack*.—No tendency for skin cracking was observed.  
*Color*.—*generally*.—Somewhat uneven. The amount of red blush coloration present ranges from 40 to 70 percent of the fruit surface. Blush form is mixed with both washed and striped areas present.  
*Blush color*.—Varies from a dark garnet red (7-J-6 Garnet Red) at the apex to a lighter red-orange over the apical shoulders in both washed and striped patterns. Additionally, a lighter orange-red (4-I-11 Carnilian Red) coloration can be present randomly in uneven patterns over the fruit surface. A few light colored dots can be present, usually over the apical shoulders and near the apex.  
*Ground color*.—Visible over 30 to 60 percent of fruit surface. Varies from a pale yellow (17-I-1) to a yellow-green (17-G-2).  
*Flavor*.—Somewhat neutral with only slight acidity.
- Flesh:**  
*Flesh color*.—Flesh coloration is uniform throughout the fruit. The flesh color is a light yellow (9-K-4 Jasmine Yellow). Numerous short, tender, light colored fibers are present throughout the flesh.  
*Color of pit well*.—The color of the flesh at the stone cavity is essentially the same shade of yellow as the rest of the flesh.  
*Level of sweetness*.—Tree ripe fruit is very sweet.  
*Flavor*.—Mild with very slight astringency.  
*Aroma*.—Very slight and pleasant.  
*Texture*.—Firm and fine textured at commercial maturity.  
*Ripening*.—Ripens first at the apex.  
*Eating quality*.—Average for this very early season of maturity.

## Stone:

*Attachment.*—Clingstone. The flesh is tightly attached to the stone at commercial maturity.

*Fibers — numbers.*—Numerous short fibers are attached to the stone surface throughout.

*Fibers — length.*—Short.

*Size.*—Small.

*Size — length.*—Ranges from 25 mm (0.9843 inches) to 28 mm (1.102 inches).

*Size — width.*—Ranges from 15 mm (0.5906 inches) to 19 mm (0.7480 inches).

*Size — thickness.*—Ranges from 12 mm (0.4724 inches) to 15 mm (0.5906 inches).

*Form — generally.*—Ovate, at times narrowly so. The stone is soft and relatively ungnified due to the very early season of maturity.

*Apex — shape.*—Acute with a sharp tip.

*Color — dry.*—Brownish-tan (13-C-8 Tuscan Tan).

*Base — shape.*—Slightly truncate. The base angle is most frequently oblique to the stone axis.

*Sides — generally.*—Usually unequal, but only slightly so.

*Hilum.*—hilum scar is very small, oval in form and substantially eroded.

*Surface.*—Grooved laterally, most heavily over the apical shoulder along the ventral suture and basally near the hilum. Pitting occurs most frequently laterally at mid-stone.

*Ventral edge.*—Relatively narrow. Several low coalesced wings are present, most prominent over the basal shoulder where a low keel is present.

*Ventral edge — width.*—Ranges from 2.5 mm (0.0984 inches) to 3.0 mm (0.1181 inches).

*Dorsal edge.*—Tight groove is present along the dorsal edge extending from base to apex. Low ridges are present on each side of the groove. The dorsal edge is slightly eroded over the apical shoulder.

*Tendency to split.*—A moderate number of split stones are present internally. Less splitting is in evidence externally.

Use: Fresh market.

Although the new variety of peach tree possesses the described characteristics noted above as a result of the growing conditions prevailing near Kingsburg, Calif. in the central San Joaquin Valley of California, it is to be understood that variations of the usual magnitude and characteristics incident to changes in growing conditions, irrigation, fertilization, pruning, pest control, climatic variation and the like are to be expected.

Having thus described and illustrated my new variety of peach tree, what I claim as new and desire to be secured by plant letters patent is:

1. A new and distinct variety of peach tree substantially as illustrated and described which is somewhat remotely similar to the "Queencrest" peach tree (U.S. Plant Pat. No. 6,025) from which it is a sport, but from which it is distinguished by producing earlier maturing fruit with good exterior coloration and edible quality which are mature for commercial harvesting and shipment approximately April 23 to April 25, or about ten days to two weeks earlier than the fruit of the "Queencrest" peach tree.

\* \* \* \* \*

U.S. Patent

July 18, 1995

Plant 9,199

